

What is claimed is:

1. A quantitative suction tip to be attached on a tip of a suction nozzle for the suction of a liquid, comprising:

5 a fixed volume chamber with a predetermined volume and having a suction opening provided at a lower end thereof; and

a through hole provided in a division wall formed at an upper end of said fixed volume chamber, said through hole having a smaller cross-sectional area than that of said fixed volume chamber.

10 2. A quantitative suction tip according to Claim 1, wherein a fitting portion is formed on said fixed volume chamber for fitting with a periphery of the tip of said suction nozzle.

15 3. A quantitative suction tip according to Claim 2, wherein said fixed volume chamber and said fitting portion are separately formed and then engagingly combined to form a unit.

4. A quantitative suction tip according to Claim 1, wherein an engaging portion is formed over said through hole of said fixed volume chamber to engage the tip of said suction nozzle.

20 5. A quantitative suction apparatus using the quantitative suction tip according to Claim 1, comprising:

a suction pump for drawing a liquid into said fixed volume chamber by causing a suction pressure to exist in said fixed volume chamber of said quantitative suction tip; and

25 a control unit for detecting the suction pressure and terminating a suction operation by said suction pump upon detection of a change in the suction pressure indicating that the liquid

has filled said fixed volume chamber and therefore has reached  
said through hole.